

[23rd August 1960

APPEN

[Vide answer to the unstarred question No. 22 asked by Sri A. Veda-
23rd August 1960

The particulars of the 150 seed strains evolved at the Agricultural
the State and the characteristic features of the strains are given below :—

[Information on the strains in connexion with
D.O. No. 62480-B. II/60-2,

Serial number and strain number.	Evolved.		
	By whom.	When.	Where.
(1)	(2)	(3)	(4)
I. COTTON—			
A. Cambodia Cotton—			
1 Cambodia 2 (Co. 2) ..	Cotton Specialist ..	1924	Cotton Breeding Station, Coimbatore.
2 Cambodia 3 (Co. 3) ..	Do. ..	1939	Do.
3 Cambodia 4 (Co. 4) ..	Do. ..	1939	Do.
4 M.C.U. 1 (Co. 4-B 40) ..	Do. ..	1943	Do.
5 Madras Cambodia Uganda 2 (M.C.U. 2).	Do. ..	1953	Do.
6 Madras Cambodia Uganda 3 (Pongal) (M.C.U. 3—Pongal).	Cotton Specialist and Assistant Cotton Specialist, Winter Cambodia Scheme.	1954	Do.
INTRODUCTION—			
7 P. 216F	Cotton Specialist ..	1950	From Punjab ..
B. Desi Cotton—			
8 Company 7	Cotton Specialist and Superintendent, Agricultural Re- search Station, Koil- patti.	1924	Agricultural Research Station, Koilpatti.
9 Karunganni 1 (K. 1) ..	Do.	1934	Do.

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DIX IV.

rathanam at the meeting of the Legislative Assembly held on
on page 454 supra.]

College and Research Institute, Colmbatore, and other Research Stations in

the Assembly Question communicated in Government
dated 10th June 1960.]

Advantage.	Is it drought resistant.	Is it flood resistant.	Remarks.
(5)	(6)	(7)	(8)
7/8" staple. Spinning 33's was an achievement in 1924. It is resistant to jassids, vigorous and hardy. Yield 1,000 lb. kapas per acre.	Irrigated cotton. Hence does not arise.	..	Has been completely replaced by M.C.U. 1 and hence withdrawn in 1950.
1" staple. Suited to droughty late sown area of Salem district.	Do.	..	Withdrawn owing to high susceptibility to jassids.
1" staple. Spinning 36's H.S.C. ..	Do.	..	Withdrawn due to high susceptibility to blackarm.
1" staple. Spinning 42's H.S.C. Higher in ginning per cent and finer than Co. 2. Resistant to blackarm. Shorter in duration than Co. 2. Cosmopolitan strain suited to the entire irrigated and unirrigated cambodia zone including summer area. Because of its staple and quality exempted from price control. It will fetch Rs. 140-150 per pothi of 280 lb.	Do.	..	Withdrawn from summer area in 1955. Being slowly replaced in the winter zone by the superior strain M.C.U. 3 "Pongal."
1-1/16" staple Spinning 45's H.S.C. Finer lint and shorter duration than M.C.U. 1. Well suited to the irrigated summer cambodia zone of southern districts. One of the longest stapled cotton grown in the Indian Union. It has spread over 90 per cent of the summer area. Fetches Rs. 180 per pothi and this is also exempted from price control.	Do.	..	....
1" to 1-1/32" staple Spinning 45's H.S.C. Higher ginning per cent by 2, finer and stronger lint than M.C.U. 1. Tolerant to stem weevil. Suitable to the entire irrigated and unirrigated winter cambodia zone. Hardy. Fetches Rs. 180 to 200 per pothi.	Do.	..	Under multiplication.
15/16" staple. Spinning 33's. Very short duration strain and hence suited to the single crop wet lands of Tiruchirappalli.	....	..	....
2" staple. Spinning 27's H.S.C. ..	Drought resistant	..	Withdrawn long ago.
2" staple. Spinning 28's H.S.C. ..	Do.	..	Do.

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Serial number and strain number. (1)	Evolved.		
	By whom. (2)	When. (3)	Where. (4)
I. COTTON—cont.			
B. Desi Cotton—cont.			
10 Karunganni 2 (K. 2)	.. Cotton Specialist and Superintendent, Agricultural Research Station, Koilpatti.	1948	Agricultural Research Station, Koilpatti.
11 Karunganni 5 (K. 5)	.. Cotton Specialist ..	1942	Cotton Breeding Station, Coimbatore.
12 Karunganni 6 (K.6 Pandyan).	.. Cotton Specialist and Assistant Cotton Specialist, Karunganni Scheme.	1953	Agricultural Research Station, Koilpatti.
II. OILSEEDS—			
A. Groundnut—			
1 T.M.V. 1	.. Oilseeds Specialist and Superintendent, Agricultural Research Station, Tindivanam.	1940	Agricultural Research Station, Tindivanam.
2 T.M.V. 2	 Do.	1940	Do.
3 T.M.V. 3	 Do.	1948	Do.
4 T.M.V. 4	 Do.	1947	Do.
5 T.M.V. 5	 Do.	1960	Do.
B. Gingelly—			
6 T.M.V. 1	 Oilseeds Specialist and Superintendent, Agricultural Research Station, Tindivanam.	1940	Agricultural Research Station, Tindivanam.
7 T.M.V. 2	 Do.	1945	Do.
8 T.M.V. 3	 Do.	1947	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
2" staple. Spinning 28's H.S.C. suitable to the southern districts. Has covered 77 per cent of the total area.	Drought resistant ..	..	Being withdrawn and replaced by K 6. Pandyan.
3" staple. Spinning 30's H.S.C. Suitable to the Central districts. Has covered 99 per cent of the total area.	Do. ..	..	Do.
15/16 to 1" staple. Spinning 33's H.S.C. Higher ginning per cent lint yield and fineness better than K. 2 and K. 5. Cosmopolitan strain suited to the entire black soil area of the Central and Southern districts.	Yes. Drought resistant.	..	Under multiplication.
Spreading variety—Yield 1,450 lb./ac. (Dry pods) 25 per cent more yield than the local variety. Best suited for cultivation both as rainfed and irrigated crop.	Partially drought resistant.	..	..
Bunch variety—short duration 3½ months—yield up to 1,025 lb./ac. (Dry pods)—Easy harvest—Best suited for cultivation both as irrigated and rainfed crop.	Cannot stand long periods of drought.	..	..
Spreading variety—Yield 1,450 lb./ac. 25 per cent more yield than the local variety high shelling per cent. Best suited for cultivation as rainfed crop.	Cannot stand very droughty conditions.	..	..
Spreading variety—Yield 1,500 lb./ac. (Dry pods) 30 per cent more yield than local variety—Best suited for growing under irrigated conditions during summer.	Does not arise as the strain is suited for cultivation under irrigated conditions.	..	..
This is a bunch variety having dormant seeds which permit delayed harvest in case rains are received during harvest time.	Not tested ..	..	..
Can be grown in all seasons—suitable for Southern and Eastern districts—Yield 500 lb.	Not resistant to drought. ..	..	..
Suitable for cold season (December-March) partial splitting of capsules which prevent shattering of seeds at maturity. Dull white seeds. Short duration—80 days. Yield—375 lb./ac. contains 2 per cent more oil than the local.	Partially resistant to drought.	..	..
Suitable for summer cropping under irrigated conditions—Partially resistant to wilt disease and shoot/webber pest.	Not resistant to drought. ..	..	..

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Serial number and strain number. (1)	Evolved.		
	By whom. (2)	When. (3)	Where. (4)
II. OILSEEDS—cont.			
C. Castor—			
9 T.M.V. 1	Oilseeds Specialist and Superintendent, Agricultural Research Station, Tindivanam.	1943	Agricultural Research Station, Tindivanam.
10 T.M.V. 2	Do.	1943	Do.
11 T.M.V. 3	Do.	1945	Do.
12 Co. 1	Oilseeds Specialist .. ..	.. ..	Coimbatore-3
III. PADDY—			
1 Co. 1	Paddy Specialist	1923-24	Paddy Breeding Station, Coimbatore.
2 Co. 2	Do.	Do.	Do.
3 Co. 3	Do.	Do.	Do.
4 Co. 4	Do.	1926-27	Do.
5 Co. 5	Do.	Do.	Do.
6 Co. 6	Do.	Do.	Do.
7 Co. 7	Do.	Do.	Do.
8 Co. 8	Do.	1931-32	Do.
9 Co. 9	Do.	1932-33	Do.
10 Co. 10	Do.	Do.	Do.

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Advantage.	Is it drought resistant.	Is it flood resistant.	Remarks.
(5)	(6)	(7)	(8)
Duration 6½ months—Yield 750 lb./ac. 20 per cent more yield than the local.	Resistant to drought.	..	11.00 11
Non dehiscent capsules hence no loss due to shattering of beans—Best suited for cultivation in Madurai and Coimbatore districts—More resistant to semi-looper pest and drought than the local variety.			11.00 11
Duration 7 months—Yield 775 lb./ac. 20 per cent more yield than the local. Non dehiscent capsules hence no loss due to shattering of beans suited for cultivation in Central and Southern districts.	Not resistant to drought.	..	11.00 11
Duration 8 months—Yield 750 lb./ac. 25 per cent more yield than the local.	Recommended for cultivation as a border crop in garden lands.	..	11.00 11
Non dehiscent capsules hence no loss due to shattering of beans—Containing 3 per cent more oil than the local.	Not resistant to drought.	..	11.00 11
Suitable for cultivation under irrigated conditions in South Arcot, North Arcot and Tanjore districts.			11.00 11
Duration—10–12 years—Perennial crop—yield up to 4 lb. per tree per year.	Do.	..	11.00 11
Can be grown in plains with heavy rainfall—Suitable for high altitudes as well.			11.00 11
It is a non-shedding and non-lodging strain. It is tolerant to inadequate water-supply. Fine grain. Responds to heavy manuring.	Partly drought resistant.	..	No. 11
It is suitable for late planting in October–November.	Do.	..	No. 11
It is suited for beaten rice	No	..	No. 11
It is suited for 'pori' or puffed rice making. It is highly resistant to blast disease.	No	..	No. 11
It responds to heavy manuring. Fine grain.	No	..	No. 11
Tall growing with good tillering	No	..	No. 11
It tillers profusely	No	..	No. 11
It is popular in Tirunelveli district. Fine grain.	No	..	No. 11
Largely grown in Tirunelveli	No	..	No. 11
It is a suitable strain for two seasons. It is a short duration strain.	No	..	No. 11

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Serial number and strain number. (1)				Evolved.		
				By whom. (2)	When. (3)	Where. (4)
III. PADDY—cont.						
11	Co. 11	..	..	Paddy Specialist	1933-34	Paddy Breeding Station, Coimbatore.
12	Co. 12	..	..	Do.	Do.	Do.
13	Co. 13	..	..	Do.	1940-41	Do.
14	Co. 14	..	..	Do.	Do.	Do.
15	Co. 15	..	..	Do.	Do.	Do.
16	Co. 16	..	..	Do.	Do.	Do.
17	Co. 17	..	..	Do.	1941-42	Do.
18	Co. 18	..	..	Do.	Do.	Do.
19	Co. 19	..	..	Do.	Do.	Do.
20	Co. 20	..	..	Do.	Do.	Do.
21	Co. 21	..	..	Do.	1942-43	Do.
22	Co. 22	..	..	Do.	Do.	Do.
23	Co. 23	..	..	Do.	1944-45	Do.
24	GEB. 24	..	..	Government Economic Botanist, Coimbatore.	1921-22	Do.
25	Co. 25	..	..	Paddy Specialist	1949	Do.
26	Co. 26	..	..	Do.	1949	Do.
27	Co. 27	..	..	Do.	1952	Do.
28	Co. 28	..	..	Do.	Do.	Do.
29	ADT. 1	..	..	Paddy Specialist and Superintendent, Agricultural Research Station, Aduthurai.	1924-25	Agricultural Research Station, Aduthurai.
30	ADT. 3	..	..	Do.	Do.	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
It is a fine grain strain. Tall growing.	No ..	No.	
It is largely grown in Tirunelveli district in Pishanam season.	No ..	No.	
It is a short duration crop suitable for growing in two seasons.	No ..	No.	
It is a hybrid strain of Co. 3. X T. 275 (Burma Type). It is a non-lodging strain.	No ..	No.	
It is a hybrid strain of Co 3. X TPT 10. It is resistant to blast.	.. ..	No.	
It is a hybrid strain of Co. 3 X TPT 10. Non-shedding also.	No ..	No.	
It possess stiff straw	No ..	No.	
It is a short duration strain suitable in places where two crops are grown.	No ..	No.	
It is a fine grain strain. Good table variety.	No ..	No.	
It is a short duration strain suitable for places where two crops are grown.	No ..	No.	
It is a short duration strain suitable for places where two crops are grown.	No ..	No.	
It is a short duration strain suitable for places where two crops are grown. Suitable for growing in cold weather months.	No ..	No.	
Suitable for places where two crops are grown. Popular in Kalingarayan channel ayacut of Coimbatore district.	No ..	No.	
It is a fine grain—Non-shedding and non-lodging.	No ..	No.	
It is a hybrid strain. It is a blast resistant long duration strain. Responds to heavy manuring.	No ..	No.	
Do.	No ..	No.	
Suitable for Salem district ..	No ..	No.	
Fine grain	No ..	No.	
It is grown in Tanjore district. Grain is short and round.	No ..	No.	
Do. ..	No ..	No.	

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Serial number and strain number.		Evolved.		
(1)		By whom.	When.	Where.
		(2)	(3)	(4)
III. PADDY—				
31	ADT. 3	Paddy Specialist and Superintendent, Research Station, Aduthurai.	194-25 ..	Agricultural Research station, Aduthurai.
32	ADT. 4	Do.	Do.	Do.
33	ADT. 5	Do.	Do.	Do.
34	ADT. 6	Do.	Do.	Do.
35	ADT. 7	Do.	Do.	Do.
36	ADT. 8	Do.	Do.	Do.
37	ADT. 9	Do.	193-33 ..	Do.
38	ADT. 10	Do.	Do. ..	Do.
39	ADT. 11	Do.	Do. ..	Do.
40	ADT. 12	Do.	1935-36 ..	Do.
41	ADT. 13	Do.	Do. ..	Do.
42	ADT. 14	Do.	1936-37 ..	Do.
43	ADT. 15	Do.	193-38 ..	Do.
44	ADT. 16	Do.	Do. ..	Do.
45	ADT. 17	Do.	Do. ..	Do.
46	ADT. 18	Do.	1938-39 ..	Do.
47	ADT. 19	Do.	Do. ..	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
It is a short duration crop. Suitable for growing as Udu crop in Tanjore district.	No	No.	..
Do.	No	No.	..
Do.	..	Withdrawn after release of ADT 11.	..
Suitable for planting as Udu crop in Tanjore and South Arcot districts.	No	No.	..
Suitable for planting as Udu crop in Tanjore and South Arcot districts.	No	No.	..
It is an hybrid strain of Molagu samba. White sirumani grain in Tanjore and Tirunelveli and North Arcot districts.	No	No.	..
It is a short duration strain grown in Tanjore, Tiruchirappalli, Chingleput, North Arcot and South Arcot districts.	No	No.	..
....	No	Withdrawn in favour of ADT 25.	..
....	No	Withdrawn.	..
Grown in Tanjore, Tiruchirappalli, Chingleput, North Arcot and South Arcot districts. Withstanding inadequate water-supply.	Partially drought resistant.	Withdrawn in favour of ADT 3 and ADT 20.	..
....	..	Withdrawn in favour of ADT 24.	..
It is a short duration crop suitable to places where two crops are grown.	No	No.	..
It is a short duration strain grown in Tiruchirappalli, Tanjore, North Arcot and South Arcot, Salem, Madurai and Tirunelveli districts.	..	Replaced by ADT 4 and ADT 20.	..
It is a short duration strain with fine grain. Grown in Tanjore, Tiruchirappalli and South Arcot districts	No.	No.	..
It is a long duration strain, grown in South Arcot district, Susceptible for blast.	No.	Withdrawn in favour of Co. 25.	..
It is a short duration strain grown in places where two crops are grown.	No.	Withdrawn in favour of Co. 18 and ADT 20.	..
It is a short duration strain grown in Tiruchirappalli district.	No	No	..

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Serial number and strain number. (1)				Evolved.		
				By whom. (2)	When. (3)	Where. (4)
III, PADDY—cont.						
48	ADT. 20	..	..	Paddy Specialist and Superintendent, Research station, Aduthurai.	1940-41	Agricultural Research station, Aduthurai.
49	ADT. 21	..	..	Do.	Do.	Do.
50	ADT. 22	..	..	Do.	1941-42	Do.
51	ADT. 23	..	..	Do.	1943-49	Do.
52	ADT. 24	..	..	Do.	1950-51	Do.
53	ADT. 25	..	..	Do.	1952-53	Do.
54	TKM. 1	..	..	Superintendent Agricultural Research station, Tirukkuppam.	1950	Agricultural Research Station, Tirukkuppam.
55	TKM. 2	..	..	Do.	Do.	Do.
56	TKM. 3	..	..	Do.	Do.	Do.
57	TKM. 4	..	..	Do.	Do.	Do.
58	TKM. 5	..	..	Do.	1952	Do.
59	TKM. 6	..	..	Do.	Do.	Do.
60	ASD.1	..	..	Paddy Specialist and Assistant in Paddy, Ambasamudram.	1943-44	Rice Research station, Ambasamudram.
61	ASD. 2	..	..	Do.	1944-45	Do.
62	ASD. 3	..	..	Do.	Do.	Do.
63	ASD. 4	..	..	Do.	1945-46	Do.
64	ASD. 5	..	..	Do.	Do.	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
It is an hybrid strain between ADT. 3 and ADT. 12. It is an early maturing variety. It yields heavily.	No.	No.	—
It is grown in Thanjavur district withstands certain amount of salinity and deep water conditions.	No.	Flood and saline resistant.	—
It is grown in semi-dry conditions in South Arcot, North Arcot and Chingleput districts.	Partly drought resistant.	No.	..
It withstands slight amount of salinity.	No.	Saline resistant.	—
It is grown in Tiruchirappalli district.	No.	No.	—
It is a hybrid strain between ADT. 2 and Co. 4. It is a blast resistant strain. Largely grown in Thanjavur and South Arcot districts.	No.	No.	—
Suitable for growing as rainfed dry paddy grown in Chingleput and North Arcot districts.	Yes	No.	..
Do.	Yes	No.	—
It is a short duration strain. Quick growing—robust variety.	No.	No.	..
It possesses fine grain and erect earheads.	No.	No.	..
Grown in North Arcot and Chingleput districts.	No.	No.	..
It is a hybrid strain suitable for two seasons. It is a fine grain suitable for table purpose.	No.	No.	..
It is a short duration crop suitable for 'Kar' crop in Tirunelveli district. Good quality straw, better percentage of rice to paddy.	No.	No.	..
It is a short duration strain suitable for 'Kar' crop in Tirunelveli district non-shedding.	No.	No.	..
It is grown in Tirunelveli and Ramanathapuram districts. Partly resistant to drought. Non-lodging.	Partly resistant	No.	..
It is suitable for places where no assured water supply is available.	Partially drought resistant.	No	..
It is a cosmopolitan strain largely grown in South Arcot and Ramanathapuram districts. Suitable for late planting.	No.	No	..

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Serial number and strain number. (1)	Evolved.		
	By whom. (2)	When. (3)	Where. (4)
III. PADDY—cont.			
65 ASD 6	Paddy Specialist and Assistant in Paddy, Ambasamudram.	1945-46	Rice Research station, Ambasamudram.
66 ASD 7	Do.	Do.	Do.
67 ASD 8	Do.	1951-52	Do.
68 ASD 9	Do.	Do.	Do.
69 ASD 10	Do.	1952-53	Do.
70 ASD 11	Do.	Do.	Do.
71 PLR 1	Paddy Specialist and Superintendent, Agricultural Research Station, Palur.	1939	Agricultural Research Station, Palur.
72 PLR 2	Do.	1942	Do.
IV. MILLETS—			
A Cholam—			
1 Co. 1. Periamanjai ..	Millets and Pulses Specialist.	1946	Coimbatore
2 Co. 2. Talaivirichan ..	Do.	Do.	Do.
3 Co. 3. Do. ..	Do.	Do.	Do.
4 Co. 4. Sen Cholam (Irrigated). ..	Do.	Do.	Do.
5 Co. 5. Chinnamanjal .. (Irrigated).	Do.	Do.	Do.
6 Co. 6. Chithirai Vellai (Irrigated). ..	Do.	Do.	Do.
7 Co. 7. Kokkivellai (Irrigated). ..	Do.	Do.	Do.
8 Co. 8. Ennaivellai (Irrigated). ..	Do.	Do.	Do.
9 Co. 9. Kesari Cholam (Irrigated). ..	Do.	Do.	Do.
10 Co. 10. Patcha Jonna (Irrigated and dry). ..	Do.	Do.	Do.

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Advantage.	Is it drought resistant.	Is it flood resistant.	Remarks.
(5)	(6)	(7)	(8)
It is a high class table variety of Tirunelveli. Non-shedding.	No	No.	
It is a short-duration strain. Non-lodging.	No	No.	....
It is a short-duration strain suitable for two seasons. Grown in Tiruchirappalli, Thanjavur, Tirunelveli and Ramanathapuram districts.	No,	No	....
It is a short-duration strainsuitable for two seasons.	No	No.	....
Grown in Tirunelveli and Ramanathapuram districts.	No	No.	....
It is an hybrid strain with fine grain. Good for table purpose. Suitable for late planting.	No	No.	....
Grown in South Arcot district. Yield per acre is about 4,200 lb,	No	No.	....
It is a short-duration strain. Grown in South Arcot and Chingleput districts. Yield per acre is 3,100 lb.	No	No.	....
A high yielding grain-cum-fodder type. Sweet fodder.	Yes	..	....
A high yielding grain type. White chalky grain (withdrawn).	Yes	..	....
A high yielding grain type. White pearly grain (withdrawn).	Yes	..	....
A high yielding type. Suitable for Salem district.	No	..	....
A superior strain better than local. Suitable for Coimbatore district. Non-season bound.	No	..	....
A superior strain better than local. Suitable for Coimbatore district. Non-season bound. Withdrawn in favour of Co. 18.	No	..	....
Do.	No	..	....
Do.	No	..	....
A popular strain, suitable for all districts. (Withdrawn in favour of Co. 18).	No	..	....
A long-duration fodder type. (Withdrawn since better fodder types are available now.	Yes	..	

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Serial number and strain number. (1)		Evolved.		
		By whom. (2)	When. (3)	Where. (4)
IV. MILLETS—cont.				
A. Cholam—cont.				
11	Co. 11. Patcha Jonna (Irrigated and dry).	Millets and Pulses Specialist.	1946	Coimbatore
12	Co. 12. Uppu Vellai Cholam (Irrigated).	Do.	Do.	Do.
13	Co. 13. Ennai Vellai Cholam (Irrigated).	Do.	Do.	Do.
14	Co. 14. Vellai Cholam (Irrigated).	Do.	Do.	Do.
15	Co. 15. Azakku Vellai Cholam (Irrigated).	Do.	Do.	Do.
16	Co. 16. Selangai Vellai Cholam (Irrigated).	Do.	Do.	Do.
17	Co. 17. Kattai Vellai Cholam (Irrigated).	Do.	Do.	Do.
18	Co. 18. Rasa Kesari Cholam (Irrigated and dry).	Do.	Do.	Do.
19	Co. 19. Talaivirichan Cholam (Dry).	Do.	Do.	Do.
20	TPT 1. Talaivirichan Cholam (dry).	Millets and Pulses Specialist and the Assistant in-charge, Regional Millet Station, Tirupattur.	1955	Coimbatore and Tirupattur.
21	TPT 2. Do.	Do.	1956	Do.
22	K. 1. Irungu Cholam (dry).	Millets and Pulses Specialist and the Superintendent, Agricultural Research Station, Koilpatti.	1946	Koilpatti.
23	K.2. Vellai Cholam (irrigated).	Do.	1949	Do.
24	K. 3. Periamanjai Cholam (dry)	Do.	1956	Coimbatore and Koilpatti.
B. Cumbu—				
25	Co. 1 Whip Cumbu	Millets and Pulses Specialist.	1939	Coimbatore
26	Co. 2.	Do.	1940	Do.
27	Co. 3.	Do.	1942	Do.
28	Co. 4.	Millets and Pulses Specialist.	1953	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
A short-duration fodder type sweet juicy straw.	Yes	No.	
A high yielder making in 85 days, suitable for Northern district. A high fertility strain.	Partially drought resistant.	No.	....
A superior strain better than local. (Withdrawn in favour of Co. 18.)	No	No.	....
A superior strain suitable for Madurai district. Better than local type (to be withdrawn in favour of strains Co. 18 and K. 2).	No	No.	....
Do.	No	No.	....
Do.	No	No.	....
Suitable for Coimbatore and Ramanathapuram districts also.	No	No.	....
A high fertility strain can yield up to 6,000 lb. of grain. Very sweet and juicy fodder suitable for all districts of State.	Partly drought resistant.	No.	....
A superior strain with white pearly grains. Suitable for the entire State.	Drought resistant	No.	....
To be withdrawn in favour of Co. 19 which has better plasticity.	Do.	No.	....
Do.	Do.	No.	....
A fodder type better than local. (Withdrawn in favour of K.3 which has greater vigour and better grains.)	Do.	No.	....
A high yielder suitable for Southern districts with white pearly grain.	No	No.	....
A highly cosmopolitan type evolved by crossing Irungu with Periamanjil. Has sweet straw and edible yellow grains. Much superior to local Irungu of the Southern districts. Plastic and non-season bound.	Drought resistant	No.	....
Suitable for both rainfed and irrigated conditions yielder.	Partially drought resistant.	No.	.
Do.	Do.	No.	....
Suitable for irrigated conditions maturing in 80 days.	No	No.	....
Very short duration of 75 days. Suitable for both irrigated and rainfed conditions.	Partially drought resistant.	No.	

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Serial number and strain number. (1)	Evolved.		
	By whom. (2)	When. (3)	Where. (4)
IV. MILLETS—cont.			
B. Cumbu—cont.			
29 Co. 5	Millets and Pulses Specialist.	1954	Coimbatore
30 X. 1.	Do.	1950	Do.
31 X. 2.	Do.	Do.	Do.
32 X. 3.	Do.	1958	Do.
O. Ragi—			
33 Co. 1 Ragi	Do.	1942	Do.
34 Co. 2	Do.	Do.	Do.
35 Co. 3.	Do.	Do.	Do.
36 Co. 4	Do.	Do.	Do.
37 Co. 5	Do.	1953	Do.
38 Co. 6	Do.	Do.	Do.
39 Co. 7	Do.	1954	Do.
40 K. 1	Millets and Pulses Specialist and Superintendent, Agricultural Research Station, Koilpatti.	1951	Agricultural Research Station, Koilpatti.
41 K. 2.	Do.	1955	Do.
42 PLR. 1	Millets and Pulses Specialist and Superintendent, Agricultural Research Station, Palur.	1949	Agricultural Research Station, Palur.
43 AKP. 1.	Millets and Pulses Specialist and Superintendent, Agricultural Research Station, Anakapalli.	1948	Agricultural Research Station, Anakapalli.
D. Tenai—			
44 Co. 1 Tenai	Millets and Pulses Specialist.	1942	Coimbatore
45 Co. 2.	Do.	Do.	Do.
46 Co. 3	Do.	Do.	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
Maturing in 85 days.	Partially drought resistant.	No.	..
Hybrid Strain. More vigorous and high yielding (to be withdrawn in favour of X.3).	Do.	No.	..
Do.	Do.	No.	..
Hybrid strain. More vigorous and high yielding (to be withdrawn in favour of X.3). Short duration of 85 days. A high yielding strain.	Do.	No.	..
High yielder maturing in 120 days.	Do.	Partially Saline resistant.	..
Maturing in 110 days	Do.	Do.	..
Do.	Do.	Do.	..
Maturing in 115 days	Do.	Do.	..
Do.	Do.	Do.	..
White grained Ragi maturing in 120 days.	Do.	Do.	..
Maturing in 100 days. High yielding summer strain.	Do.	Do.	..
High yielding Ragi strain suitable to Southern districts.	Do.	Do.	..
High yielding Ragi strain suitable to Southern districts. Resistant to lodging and blast disease.	Do.	Do.	..
Short duration strain with a duration of 110 days. Suits the Eastern districts.	Do.	Do.	..
Very short duration of 90 days. Suitable for Chingleput area.	Do.	Do.	..
Suitable for both rainfed and irrigated conditions. Highly tillering.	Do.	Do.	..
Suitable for irrigated conditions. Easily threshable.	Do.	No.	..
Suitable for rainfed conditions . .	Do.	No.	..

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Serial number and strain number. (1)	Evolved.		
	By whom. (2)	When. (3)	Where. (4)
IV. MILLETS—cont.			
E. Minor Millets—			
47 Co. 1 Varagu	Millets and Pulses Specialist.	1953	Coimbatore.. ..
48 P. 1. Varagu	Millets and Pulses Specialist and Superintendent, Agricultural Research Station, Palur.	Do.	Palur
49 Co. 1 Samai	Millets and Pulses Specialist.	1955	Coimbatore
50 Co. 1 Panivaragu	Do.	1954	Do.
V. PULSES—			
1 SA. 1. Redgram	Do.	1952	Do.
2 Co. 1 Bengalgram	Do.	Do.	Do.
3 Co. 1 Greengram	Pulses Specialist	Do.	Do.
4 Co. 1 Horsegram	Millet and Pulses Specialist.	1957	Do.

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<i>Advantage.</i>	<i>Is it drought resistant.</i>	<i>Is it flood resistant.</i>	<i>Remarks.</i>
(5)	(6)	(7)	(8)
High yielder	Partially resistant.	drought No	..
High yielder. Suitable for Central districts.	Do.	No.	..
High yielder	Do.	No.	..
Do.	Do.	No.	..
High yielder. Suitable for all dis- tricts.	Do.	No.	..
High yielder. Suitable for Coim- batore.	Do.	No.	..
High yielder. Suitable for dry lands in all tracts.	Do.	No.	..
High yielder. Suitable for all districts.	Do.	No.	..

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TRUTH ALONE TRIUMPHS